GOVERNMENT OF INDIA
ROAD TRANSPORT AND HIGHWAYS
LOK SABHA

UNSTARRED QUESTION NO:3267
ANSWERED ON:13.08.2001
USE OF MODIFIED BITUMEN
RANEE NARAH

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) whether the Government are aware that high quality SBS modified bitumen is specially suited for India where traffic is exceptionally heavy and there is the problem of overloading;

(b) if so, whether any instructions have been issued for the use of this polymer on heavy duty roads of National Highway Network; and

(c) if so, the details thereof?

Answer

MINISTER OF STATE FOR ROAD TRANSPORT AND HIGHWAYS (INDEPENDENT CHARGE) (MAJOR GENERAL (RETI KHANDURI, AVSM)

(a) The studies have revealed that polymer modified bitumen provides more durable roads. Out of several types of modified bitumen, SBS modified bitumen is one of them. The relative performance and economics of different types of polymers under variable conditions of traffic, climates etc. are yet to be established.

(b)&(c) This Ministry has issued instructions to use rubber/polymer modified bitumen in at least 10% length of periodical renewal works and bituminous wearing courses on heavily trafficked sections of Nationals Highways.